Title (en)

BACKLIGHT CONTROL FOR A DISPLAY DEVICE

Title (de)

RÜCKBELEUCHTUNG FÜR EIN ANZEIGEGERÄT

Title (fr)

COMMANDE DE RETROECLAIRAGE POUR DISPOSITIF D'AFFICHAGE

Publication

EP 1066619 A1 20010110 (EN)

Application

EP 99913442 A 19990325

Priority

- GB 9900934 W 19990325
- GB 9806593 A 19980327

Abstract (en)

[origin: GB2335776A] A display comprises a matrix of pixels 11 arranged in rows and columns, each pixel 10 being selectively controllable in terms of its light transmissive condition, and an illumination system, comprising an array 13 of elongate elements which provide light in response to electrical impulses, the elements 4, 5, 6 being arranged side by side to face the matrix. Adjacent elements provide light having a different one of a plurality of colours. The matrix is addressed using a row by row addressing sequence. During part of this sequence, a row of pixels is illuminated with light of a first colour from a first element, whilst a remote row of pixels is illuminated with light of a different colour from a further element. This enables more efficient illumination of the matrix than with conventional colour sequential displays in which all rows are simultaneously illuminated with the same colour.

IPC 1-7

G09G 3/34

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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